



Montgomery County Waste Transfer Station (operated by Covanta Energy)

16101 Frederick Road
Derwood, Maryland 20855
301-691-9008

<http://www6.montgomerycountymd.gov/swstmpl.asp?url=/content/dep/solidwaste/facilities/transferstation.asp>

Waste Transfer Station
Member since January 2013

MANAGEMENT AND LEADERSHIP



Environmental Policy Statement

We have adopted an Environmental Policy that consists of five principals:

1. **Protection** - *We will conduct our business in an environmentally sound manner that is protective of human health and the environment.*
2. **Compliance** - *We will manage our work to ensure compliance with all applicable environmental regulations and requirements.*
3. **Conservation** - *We will minimize impact to the environment by encouraging pollution prevention at the source, waste minimization, facilitating use of recycling opportunities and responsible disposal of any production by-products.*
4. **Qualification** - *We will ensure that all employees have the necessary information, resources, and training to make informed environmental decisions.*
5. **Commitment** - *Covanta is committed to be an industry leader in environmental protection by achieving superior awareness and performance through a process of continuous improvement.*

<http://www.covantaenergy.com/what-we-do/sustainability/environmental-overview/environmental-policy.aspx>



Environmental Team

The Facility Environmental Team, also known as the Pollution Prevention Committee, consists of the Facility Manager, Environmental Specialist, and County Inspector. Facility meetings are held daily with environmental matters discussed as needed. Weekly environmental site inspections are conducted by the facility Environmental Specialist. The Regional Environmental Manager leads an environmental management review and conducts an environmental site inspection semi-annually. Also quarterly, the County Inspector conducts a walk down of the facility with the various operators onsite. The mission of the meetings/inspections is to review past and current environmental operating

procedures and discuss future improvement measures to be implemented. Annual Environmental Compliance training is conducted for all facility employees.

WASTE



Recycling

- *All Dry-Cell and lead-acid batteries and mercury containing items are recycled through Clean Harbors*
- *The facility is a member of the Montgomery County business recycling program and recycles paper, cardboard, plastic, and aluminum.*



Hazardous Waste/Toxic Use Reduction

In 2007, the facility replaced the type of antifreeze used in facility vehicles with a more environmentally-friendly, less-toxic alternative which replaces the ethylene-glycol with propylene-glycol. The ingestion of a small amount of ethylene-glycol can cause severe illness and even death in animals and humans. The tank used to dispense the ethylene-glycol based antifreeze has been removed from the site and the propylene-glycol based antifreeze is stored in a 325 gallon, double-walled tank located inside the building.

- *The facility utilizes a non-hazardous, biodegradable product in its parts washer.*
- *Replaced ethylene-glycol based antifreeze with an environmentally friendlier alternative, which contains the less hazardous propylene-glycol, to be used in all facility vehicles.*
- *Mercury containing light bulbs are being phased out and replaced with bulbs that contain smaller amounts of mercury (i.e., green tipped bulbs).*

ENERGY



Renewable Energy

The roof of the Shady Grove Processing Facility and Transfer Station is the site of the Montgomery County Government's first large-scale solar project.

The photovoltaic system consists of 1,248 solar panels, made in the United States. They produce 280 kilowatts, or about 30 percent of the facility's energy needs. The panels began producing power in March 2011.

The system will generate approximately 350,000 kilowatt hours (kWh) of electricity in the first year of operation and more than six million kWh over the 20-year life of the project.

In everyday equivalents, the six million kWh produced by the panels will produce enough energy to power 590 average American homes for one year.

For more information on the solar panels, go here:

<http://www6.montgomerycountymd.gov/swstmpl.asp?url=/content/dep/solidwaste/facilities/ts-solar.asp>



Fleet Vehicles

The facility has installed Rentar Fuel Catalysts on facility loaders, donkey trucks, and tractor-trailers in order to reduce fuel consumption. The fuel savings were normalized using municipal solid waste (MSW) processed. Results from 2008 and 2009 implementation showed a 3-5% fuel savings across the various vehicles. The catalysts also reduce the emissions of carbon dioxide, carbon monoxide, nitrous oxides, sulfur dioxide, opacity and particulate matter.

Idle timers have also been installed on facility loaders and heavy equipment. The timer works on vehicles designed with electrical shut down. The timer shuts down the equipment after five minutes of idle time order to conserve fuel and reduce emissions.

OTHER



- Covanta Montgomery was accepted into two top tier stewardship programs.*
- VPP Star – OSHA’s voluntary personal protection recognition program.*
 - NEPT – USEPA National Environmental Performance Track (program eliminated by USEPA in 2009)*